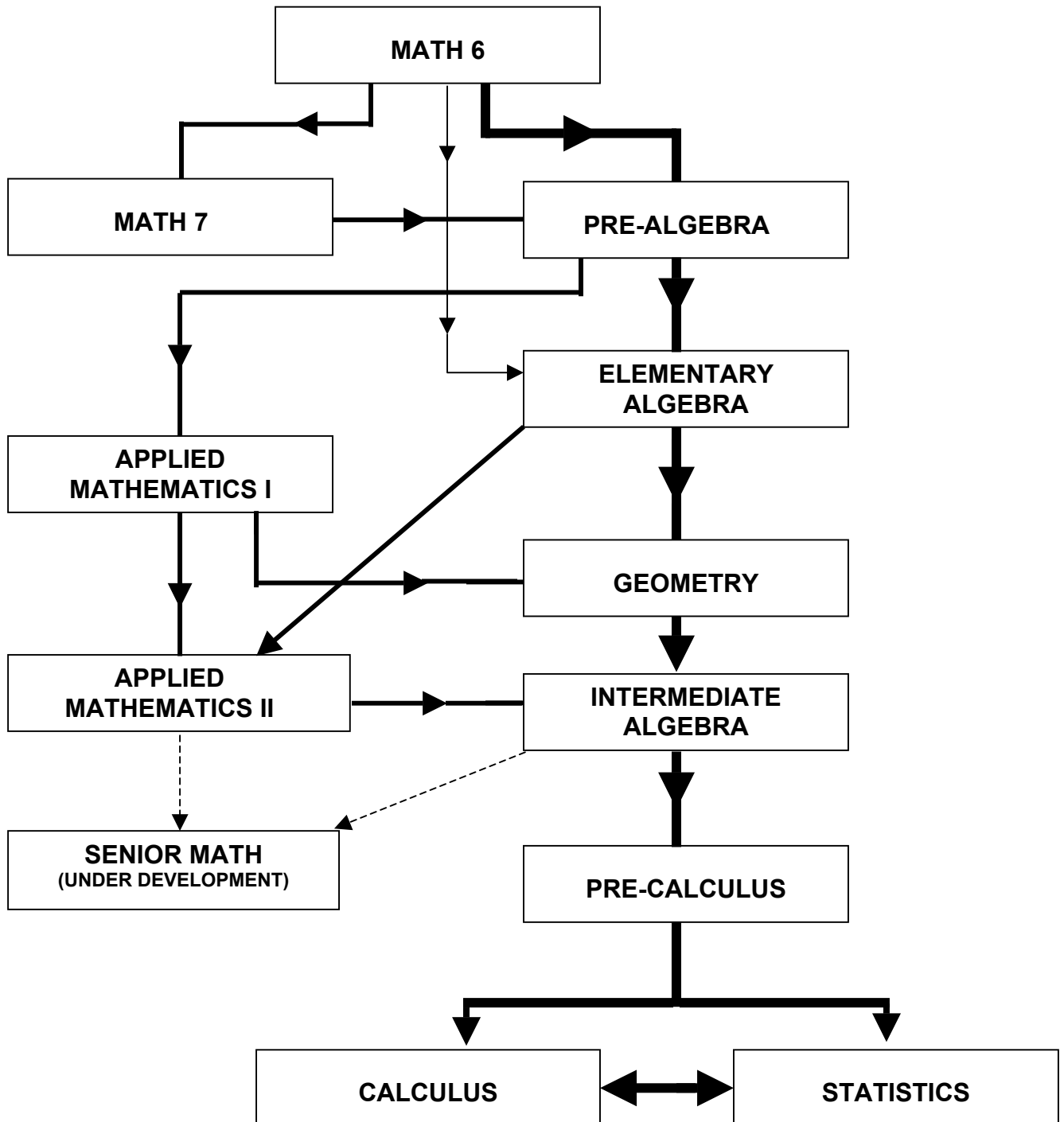


Mathematics Course Sequences and Prerequisites



COURSE OFFERINGS AVAILABLE BY GRADE

7th Grade

- Math 7
- Pre-algebra
- Elementary Algebra

8th Grade

- Pre-algebra
- Elementary Algebra
- Applied Mathematics I
- Geometry
- Applied Mathematics II

9th Grade

- Elementary Algebra
- Applied Mathematics I
- Geometry
- Applied Mathematics II
- Intermediate Algebra

10th Grade

- Elementary Algebra
- Applied Mathematics I
- Geometry
- Applied Mathematics II
- Intermediate Algebra
- Pre-calculus

11th Grade

- Elementary Algebra
- Applied Mathematics I
- Geometry
- Applied Mathematics II
- Intermediate Algebra
- Pre-calculus
- Calculus
- Statistics

12th Grade

- Elementary Algebra
- Applied Mathematics I
- Geometry
- Applied Mathematics II
- Intermediate Algebra
- Pre-calculus
- Statistics
- Calculus
- Senior Mathematics
(under development)

COURSE REQUIREMENTS & SEQUENCES

1. Students may enter or leave the sequence at any time when they have completed the minimum mathematical requirements for graduation.
2. No student may obtain **two** high school mathematics credits (9-12) for completing the same course.
3. Students may not take a course for mathematics graduation credit that is a prerequisite of a previously completed secondary mathematics course (7-12). The prerequisite of each course is listed at the beginning of each course description.
4. Pre-algebra credit may **not** be used as a mathematics credit for graduation.
5. Students may not receive two mathematics credits for graduation by completing Elementary Algebra and Applied Mathematics I, and students may not receive two mathematics credits for graduation by completing Geometry and Applied Mathematics II.
6. Students should receive appropriate counseling as they register for mathematics courses so that they will be able to complete the current graduation requirements for mathematics and to make sure they will have the mathematical training needed to succeed in the post-secondary training of their choice.
7. Finishing a math course beyond Intermediate Algebra more than doubles the odds that a student will get a bachelor's degree. (U.S. Department of Education, *Answers in the Toolbox: Academic Intensity, Attendance Patterns and Bachelor's Degree Attainment*, 1999.)

Examples of Typical Mathematics Course Sequences

Grade	Course	Grade	Course
7	Pre-algebra	7	Math 7
8	Elementary Algebra	8	Pre-algebra
9	Geometry	9	Elementary Algebra
10	Intermediate Algebra	10	Geometry
11	Pre-calculus	11	Intermediate Algebra
12	Calculus or Statistics	12	Pre-calculus
7	Pre-algebra	7	Math 7
8	Applied Math I	8	Pre-algebra
9	Applied Math II	9	Applied Math I
10	Intermediate Algebra	10	Applied Math II
11	Pre-calculus	11	Intermediate Algebra
12	Calculus or Statistics	12	Pre-calculus
7	Math 7		
8	Pre-algebra		
9	Elementary Algebra		
10	Geometry		
11	Intermediate Algebra		
12	Senior Mathematics		